MAY 10 2006
PATENT & TRADEMARK OFFICE

BEFORE

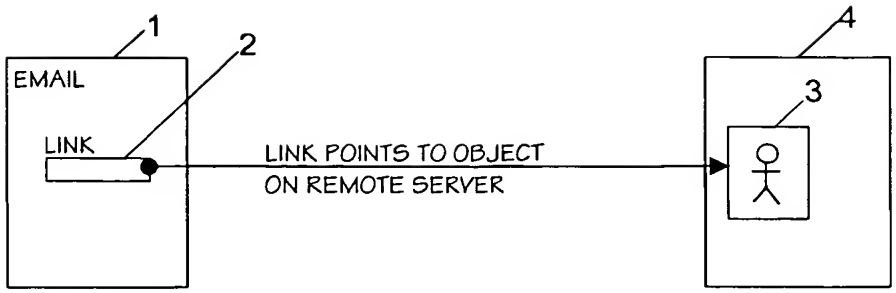

Fig.1A

AFTER

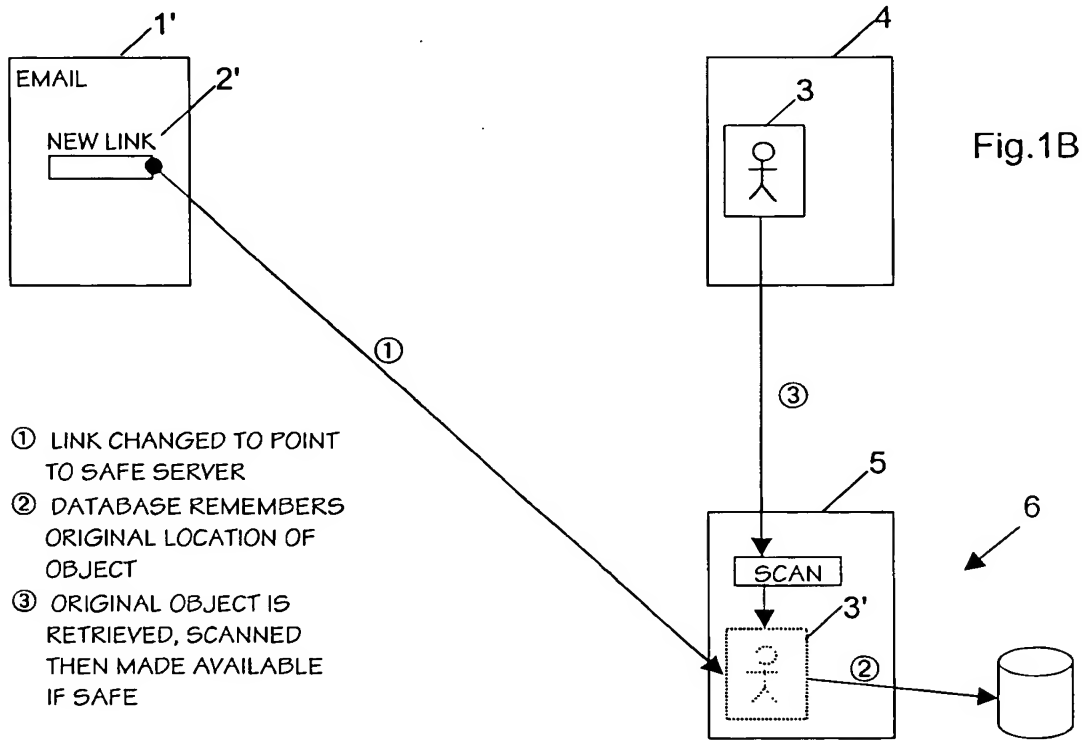

Fig.1B

① LINK CHANGED TO POINT TO SAFE SERVER
② DATABASE REMEMBERS ORIGINAL LOCATION OF OBJECT
③ ORIGINAL OBJECT IS RETRIEVED, SCANNED THEN MADE AVAILABLE IF SAFE

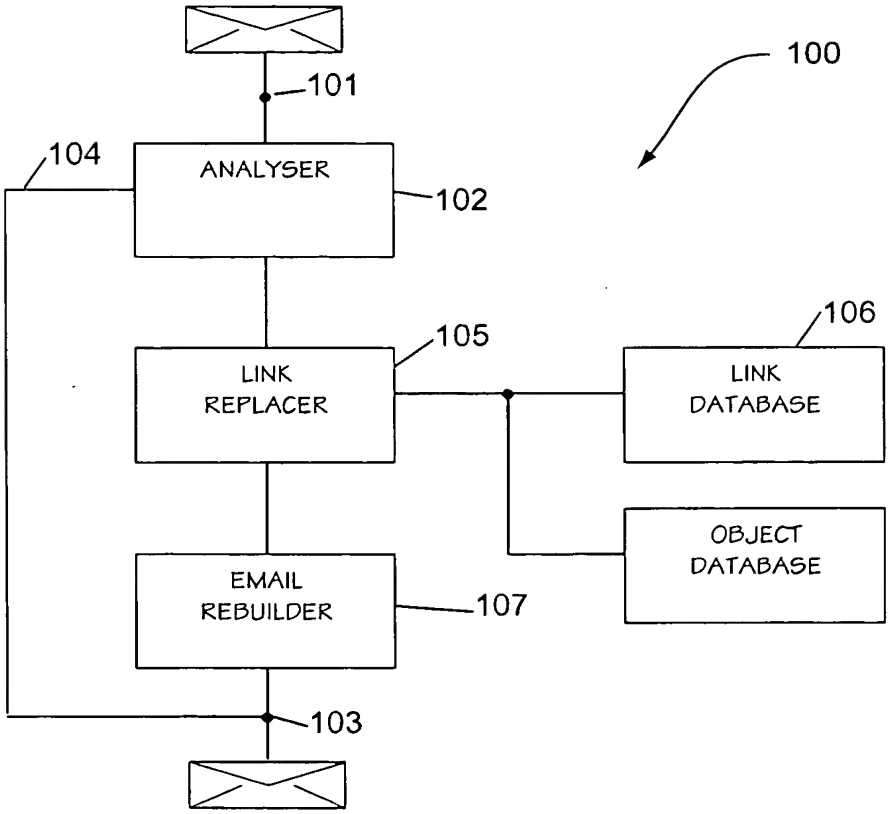
100
101
104
ANALYSER
102
105
106
LINK
REPLACER
LINK
DATABASE
OBJECT
DATABASE
EMAIL
REBUILDER
107
103

Fig.2

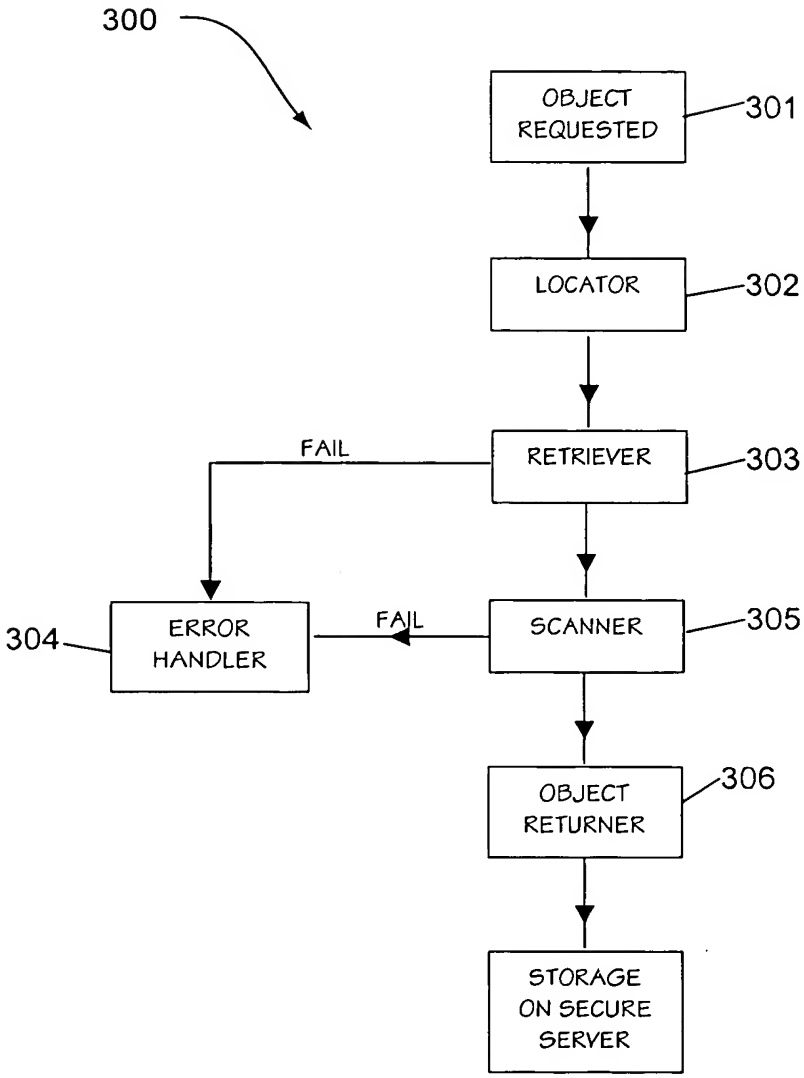
300
OBJECT REQUESTED
301
LOCATOR
302
RETRIEVER
303
FAIL
ERROR HANDLER
304
FAIL
SCANNER
305
OBJECT RETURNER
306
STORAGE ON SECURE SERVER

Fig.3